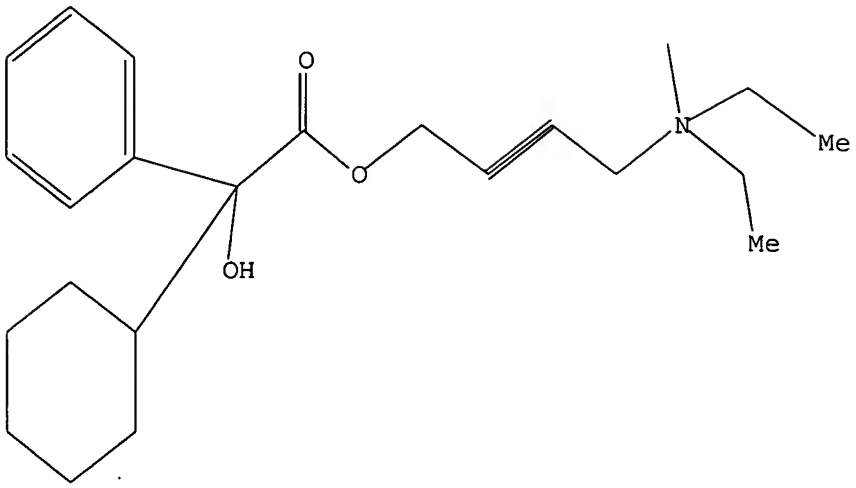
L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
REGIstRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 16:01:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 11 TO ITERATE

100.0% PROCESSED 11 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.01

L2 5 SEA SSS FUL L1

L3 6 L2

=> s l3 and py<2002
21606885 PY<2002
L4 3 L3 AND PY<2002

=> d 1-3 ibib abs hitstr

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:521917 CAPLUS
DOCUMENT NUMBER: 135:111979
TITLE: Oxybutynin compositions for the management of incontinence
INVENTOR(S): Guittard, George V.; Jao, Francisco; Marks, Susan M.; Kidney, David J.; Gumucio, Fernando E.

PATENT ASSIGNEE(S): Alza Corp., USA
SOURCE: U.S., 13 pp., Cont.-in-part of U.S. 5,912,268.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6262115	B1	20010717	US 1999-280309	19990329 <--
US 5674895	A	19971007	US 1995-445849	19950522 <--
US 5840754	A	19981124	US 1996-706576	19960905 <--
US 5912268	A	19990615	US 1997-806773	19970226 <--
AU 9912563	A1	20000426	AU 1999-12563	19981007 <--
AU 9890522	A1	19990114	AU 1998-90522	19981103 <--
AU 718849	B2	20000420		
US 2001005728	A1	20010628	US 2001-785805	20010216 <--
US 2004043943	A1	20040304	US 2003-645715	20030820

PRIORITY APPLN. INFO.:

US 1995-445849	A2	19950522
US 1996-706576	A2	19960905
US 1997-806773	A2	19970226
AU 1996-56392	A3	19960508
WO 1998-IB1982	A	19981007
US 1999-280309	A1	19990329
US 2001-785805	A1	20010216

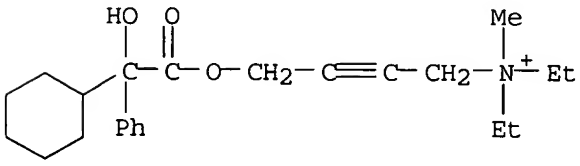
AB A dosage form comprises oxybutynin alone/or accompanied by another drug is useful for the management of incontinence and other therapy. Thus, a therapeutic composition (in a granule form) comprised oxybutynin-HCl 3.4, 76 wt PEG (MW 200,000) 76, hydroxypropyl Me cellulose of (MW 9200) 5, NaCl 15, and Mg stearate 0.6% by weight The therapeutic composition can be administered for its intended oxybutynin therapy, the management of overactive bladder.

IT **350229-43-5**
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(oxybutynin compns. for management of incontinence)

RN 350229-43-5 CAPLUS
CN 2-Butyn-1-aminium, 4-[(cyclohexylhydroxyphenylacetyl)oxy]-N,N-diethyl-N-methyl-, nitrate (9CI) (CA INDEX NAME)

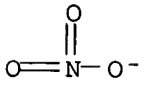
CM 1

CRN 350229-42-4
CMF C23 H34 N O3



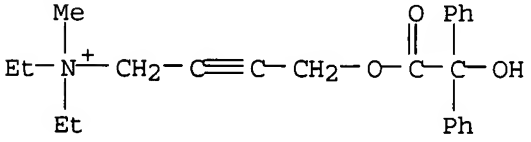
CM 2

CRN 14797-55-8
CMF N O3



REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1969:447998 CAPLUS
DOCUMENT NUMBER: 71:47998
TITLE: Acetylene compounds of potential pharmacological value. XII. Central and peripheral anticholinergic activity of tertiaryaminoalkynyl esters of some carboxylic acids
AUTHOR(S): Dahlbom, Richard; Erbing, Birgitta; Olsson, Kerstin; George, Robert; Jenden, Donald J.
CORPORATE SOURCE: Farm. Fak., Stockholm, Swed.
SOURCE: Acta Pharmaceutica Suecica (**1969**), 6(3), 349-58
CODEN: APSXAS; ISSN: 0001-6675
DOCUMENT TYPE: Journal
LANGUAGE: English
AB tert-Aminoalkynyl esters of 1-phenylcyclopentanecarboxylic acid, 1-phenyl-cyclohexanecarboxylic acid, and benzilic acid were more active than the esters of diphenylacetic acid and phenothiazine-10-carboxylic acid when tested for antagonist activity toward acetylcholine on isolated guinea pig ileum and for mydriatic activity in intact mice. Generally the esters of benzilic acid appeared to have the highest potency. The most effective of these compds. was about half as active as atropine in blocking the central effects of oxotremorine and its effect on contractions of the guinea pig ileum induced by acetylcholine was .apprx.14% that of atropine.
IT **24642-49-7**
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (pharmacology of)
RN 24642-49-7 CAPLUS
CN Ammonium, diethyl(4-hydroxy-2-butynyl)methyl-, bromide, benzilate (8CI) (CA INDEX NAME)



● Br⁻

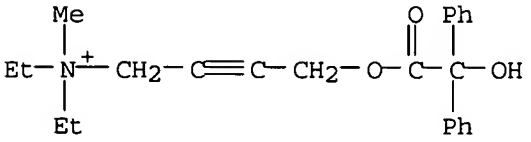
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1964:52495 CAPLUS
DOCUMENT NUMBER: 60:52495
ORIGINAL REFERENCE NO.: 60:9191e-f
TITLE: Acetylene compounds of potential pharmacological value. III. 4-Dialkylamino-2-butynyl esters of benzilic acid
AUTHOR(S): Dahlbom, Richard; Hansson, Birgitta; Mollberg, Rene
CORPORATE SOURCE: Kungl. Farm. Inst., Stockholm
SOURCE: Acta Chemica Scandinavica (**1963**), 17(8), 2354-6
CODEN: ACHSE7; ISSN: 0904-213X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 60:52495

AB cf. CA 59, 8729h. The title compds. were prepared by the method of King and Holmes (CA 41, 5121g). Low yields are obtained by trans esterification of Me benzilate with the appropriate 4-dialkylamino-2-butyn-1-ol. The following Ph2CRCO2CH2C.tplbond.CCH2NR12 were prepared (R, R1, derivative, % yield, and m.p. given): Cl, Et, HCl salt, 81, 96-7°; HO, Et, HCl salt, 55, 127-8°, HO, Et, MeBr, 78, 149-50.5°; Cl, (NR12 =) pyrrolidino, HCl salt, 78, 164-5.5°; HO, (NR12 =) pyrrolidino, HCl salt, 86, 137-8° (base m. 110-12°); Cl, (NR12 =) piperidino, HCl salt, 76, 141-2°; HO, (NR12 =) piperidino, HCl salt, 52, 146-7°; HO, (NR12 =) morpholino, HCl salt, 50, 148-9°. The compds. had anticholinergic activity and inhibited tremors due to oxotremorine.

IT **24642-49-7**, Ammonium, diethyl[(4-hydroxy-2-butynyl)methyl, bromide, benzilate
(preparation of)

RN 24642-49-7 CAPLUS

CN Ammonium, diethyl(4-hydroxy-2-butynyl)methyl-, bromide, benzilate (8CI) (CA INDEX NAME)



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